

F-9163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Katsuya KANAOKA  
Serial No. : (U.S. National Stage of PCT/JP2005/003158  
Filed February 25, 2005)  
Filed : August 24, 2006  
For : CONTROL SYSTEM OF FLOATING MOBILE BODY  
Group Art Unit : UNKNOWN  
Examiner : UNKNOWN

August 24, 2006  
New York, New York

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached hereto is a copy of Form PTO-1449 together with copies of five of the references listed therein. Also enclosed is a copy PCT/JP2005/003158 International Search Report listing the four of the Japanese references which are also listed in Form PTO-1449.

Please note that a concise explanation of the relevance of JP 5-119837 and [Non-Patent Document 1] Kanaoka, Nakayama, Hayashi and Kawamura, "Thrust Local Feed-Back Control ..." appears at page 9 of the specification and also elsewhere in the specification, for example, page 7, line 23.

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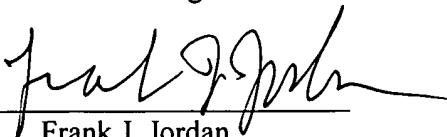
This Information Disclosure Statement is being filed prior to issuance of the first Official Action.

Therefore, there is no charge for filing this IDS.

Respectfully submitted,

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By



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| Form PTO-1449<br>(Rev. 7-80)<br>42-44F (F-49)<br>INFORMATION DISCLOSURE CITATION<br>(Use several sheets if necessary)                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                      |                 | U.S. Department of Commerce<br>Patent and Trademark Office |                 | Atty. Docket No.: F-9163     |          | Serial No.: UNKNOWN        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------|-----------------|------------------------------|----------|----------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                      |                 | Applicant: Katsuya KANAOKA                                 |                 | Filing Date: August 24, 2006 |          | Group:                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                      |                 | U.S. PATENT DOCUMENTS                                      |                 |                              |          |                            |  |
| Examiner Initial                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                      | Document Number | Date                                                       | Name            | Class                        | Subclass | Filing Date If Appropriate |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                      |                 |                                                            |                 |                              |          |                            |  |
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| FOREIGN PATENT DOCUMENTS                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                      |                 |                                                            |                 |                              |          |                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                      | Document Number | Date                                                       | Country         | Class                        | Subclass | Translation                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                      |                 |                                                            |                 |                              |          | Yes      No                |  |
| F1                                                                                                                                                                                                                                                                                                                                                                                                              | JP- 10-035587                                                                                                                                                                                                                                                                        | 2/10/1998       | JP                                                         |                 |                              |          | Y*F                        |  |
| F2                                                                                                                                                                                                                                                                                                                                                                                                              | JP- 2000-084016                                                                                                                                                                                                                                                                      | 3/28/2000       | JP                                                         |                 |                              |          | Y*F                        |  |
| F3                                                                                                                                                                                                                                                                                                                                                                                                              | JP- 2000-203491                                                                                                                                                                                                                                                                      | 7/25/2000       | JP                                                         |                 |                              |          | Y*F                        |  |
| F4                                                                                                                                                                                                                                                                                                                                                                                                              | JP- 2004-098866                                                                                                                                                                                                                                                                      | 4/2/2004        | JP                                                         |                 |                              |          | Y*C                        |  |
| TRANSLATION KEY: * English Abstract. <sup>F</sup> Concise statement of relevance provided in foreign search report. <sup>C</sup> Concise statement of relevance provided in specification or in attachment to document. <sup>S</sup> Concise statement of relevance provided in IDS. <sup>P</sup> Relevant portion of document translated. <sup>O</sup> English abstract only - copy of document in pct search. |                                                                                                                                                                                                                                                                                      |                 |                                                            |                 |                              |          |                            |  |
| OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                      |                 |                                                            |                 |                              |          |                            |  |
| 01                                                                                                                                                                                                                                                                                                                                                                                                              | [Non-Patent Document 1] Kanaoka, Nakayama, Hayashi and Kawamura, "Thrust Local Feed-Back Control for Realization of High Speed and Precise Motion in Water", proceedings of the Robotics and Mechatronics Conference '03, the Japan Society of Mechanical Engineers, 2P1-2F-A6, 2003 |                 |                                                            |                 |                              |          |                            |  |
| EXAMINER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                      |                 |                                                            | DATE CONSIDERED |                              |          |                            |  |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.                                                                                                                                                                        |                                                                                                                                                                                                                                                                                      |                 |                                                            |                 |                              |          |                            |  |